LESSON 3

WATER & ELETRIC METER READINGS

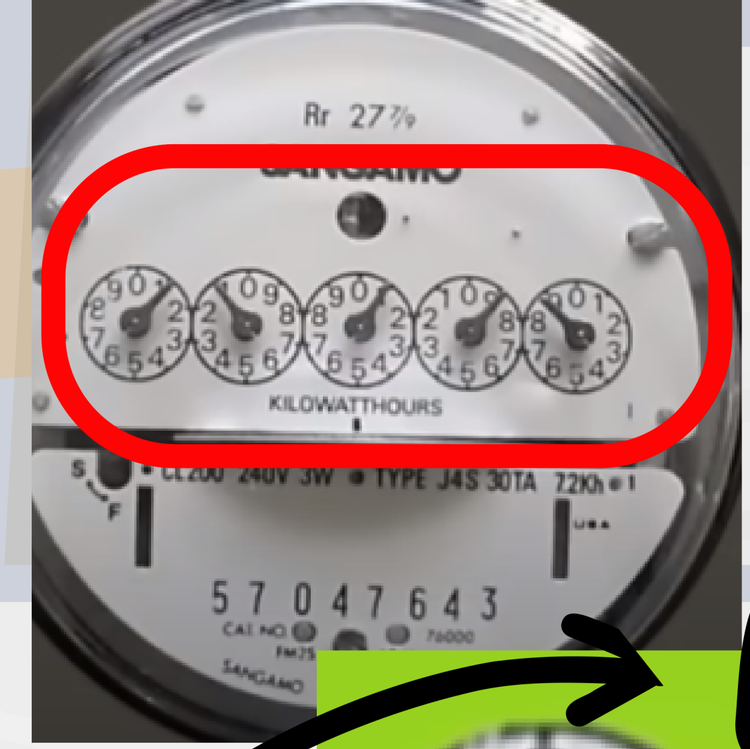
OBJECTIVE

Read & interpret water & electric reading

ELETRIC METER measures the amount of electricity used which in kilowatt hour (KWh)

ELECTROMECHANICAL READING

how to read eletric meter?



A B C D E

How to read electric meter?

STEP 1: read all the dials from left to right starting from dial E to A.

STEP 2: read the numbers by the pointer of the dial.When the pointer is betwween the 2 numbers the lower number is recorded.

STEP 2;

A B C D E

8

STEP 2;

A B C D E

8 8

STEP 2;

C

D

8

E

8

NOTE; IF THE POINTER APPEARS TO BE EXACTLY,CHECK THE DIAL TO THE RIGHT TO FIND OUT THE CORRECT READING.

STEP 2;

Add a subheading

C

D

E

8

8

NOTE; IF THE DIAL ON THE RIGHT HAS PASSED ZERO,THEN USED THE NUMBER THE POINTER IS POINTING ON THE DIAL YOU ARE READING.IF THE DIAL HAS NOT PASSED ZERO THEN USE THE SMALLER NUMBER THE DIAL YOU ARE READING.

STEP 2;

C D E

NOTE; IF THE DIAL ON THE RIGHT HAS PASSED ZERO,THEN USED THE NUMBER THE POINTER IS POINTING ON THE DIAL YOU ARE READING.IF THE DIAL HAS NOT PASSED ZERO THEN USE THE SMALLER NUMBER THE DIAL YOU ARE READING.

8 8

STEP 2;

C D E

0 8 8

STEP 2;

B	C	D	E
1	0	8	8

STEP 2;

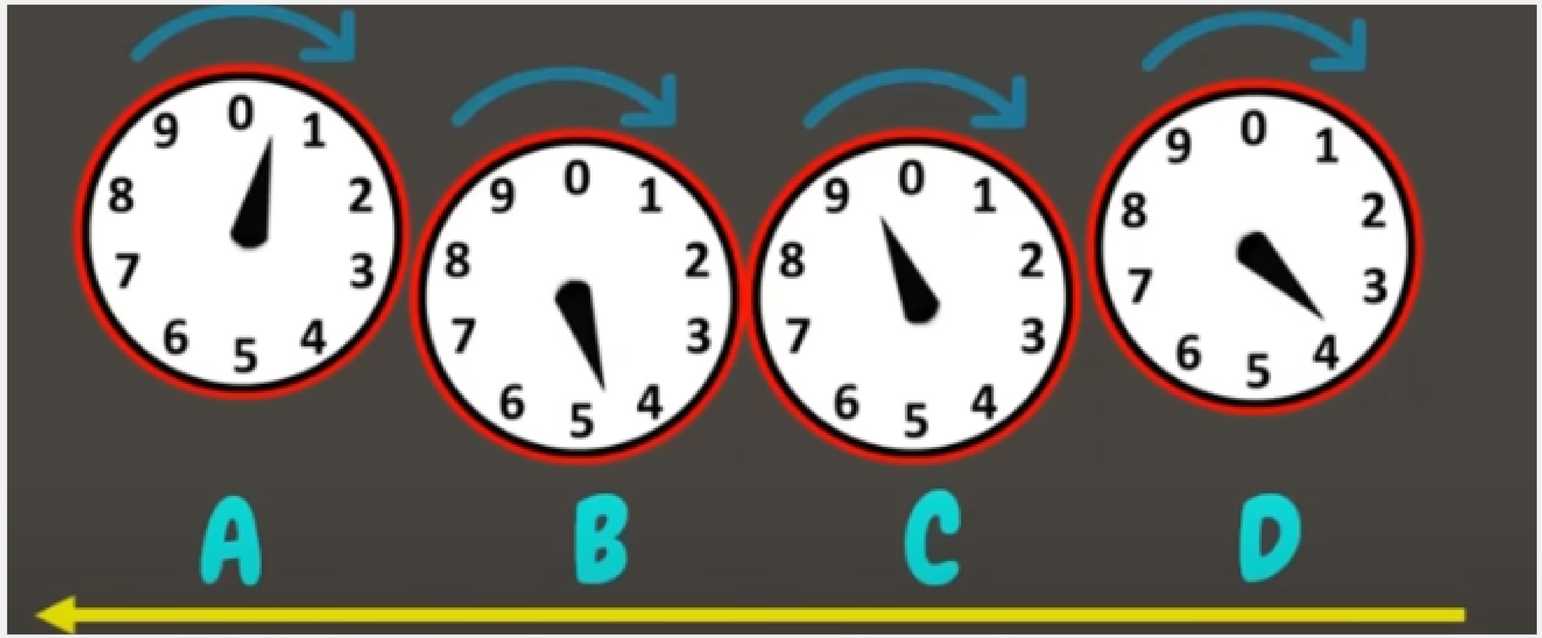
A	B	C	D	E
1	1	0	8	8

STEP 2;

A	B	C	D	E
1	1	0	8	8

11088 kwh

WATER METER measures the amount of water used which is measured in CUBIC METER (M3).



STEP 1: read from LEFT TO RIGHT

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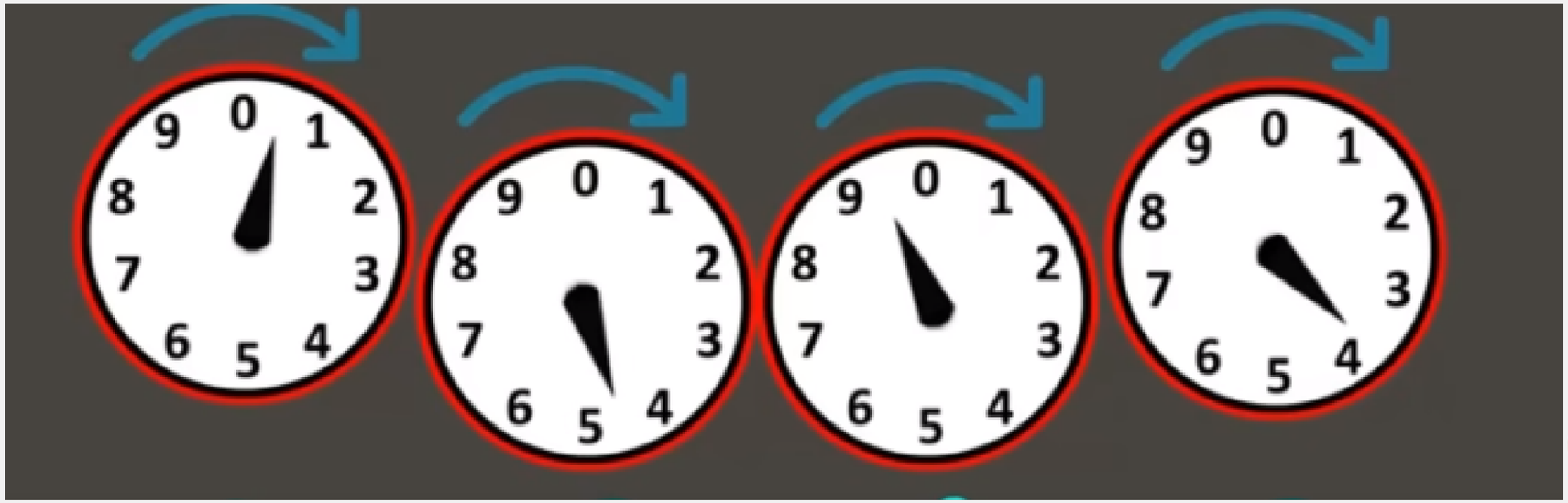
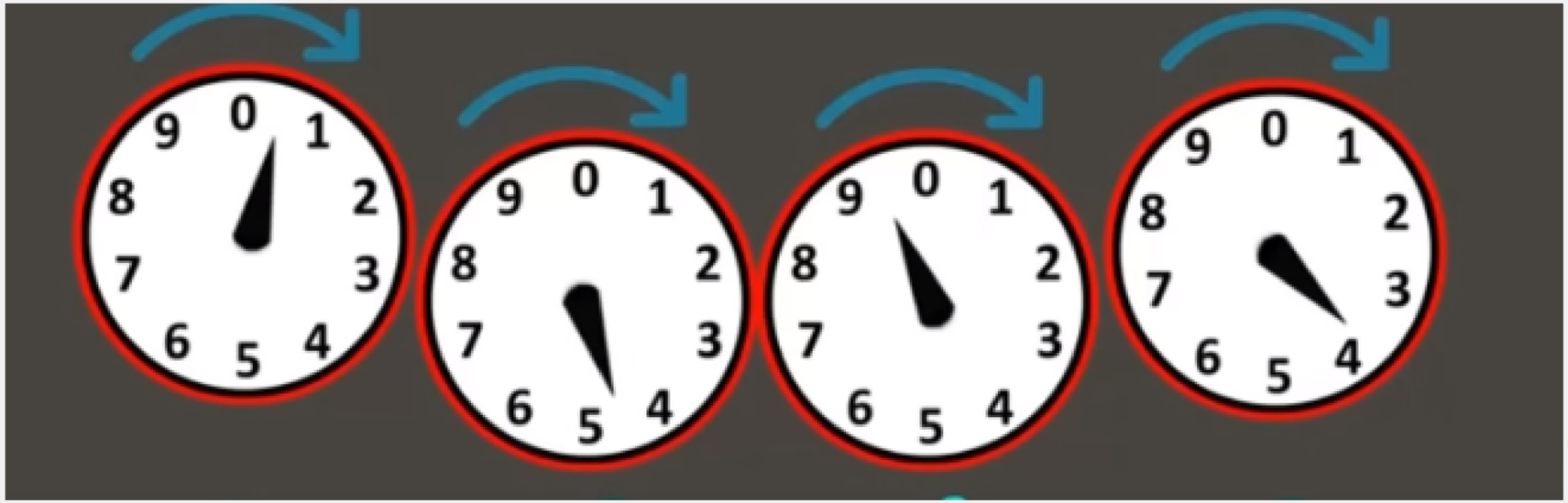


A B C D

STEP 2: READ THE NUMBERS BY THE POINTER OF THE DIAL.WHEN IS BETWEEN THE 2 NUMBERS THE LOWER NUMBER IS RECORDED.



A B C 3

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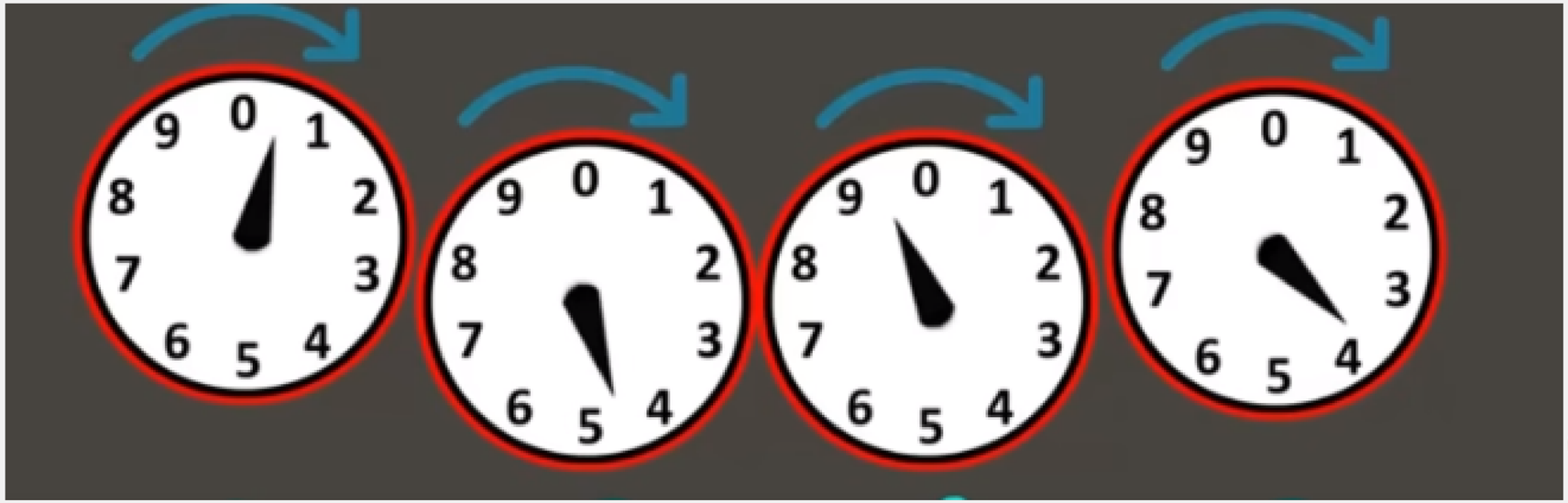

0 4 9 3

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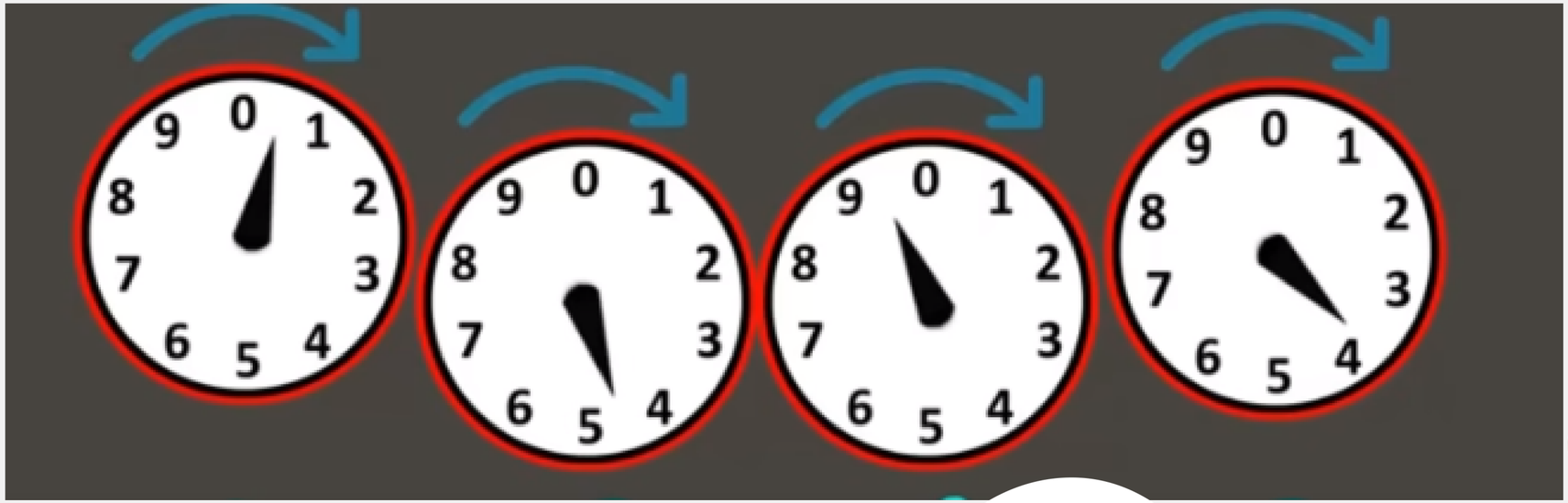
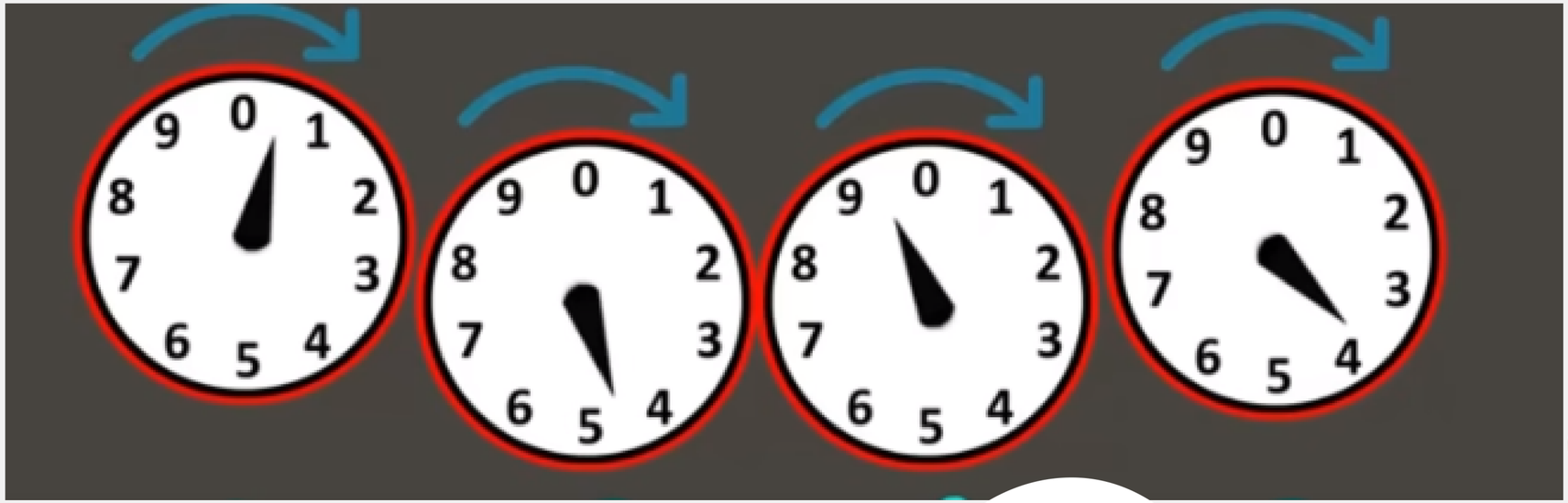


0 4 9 3

3

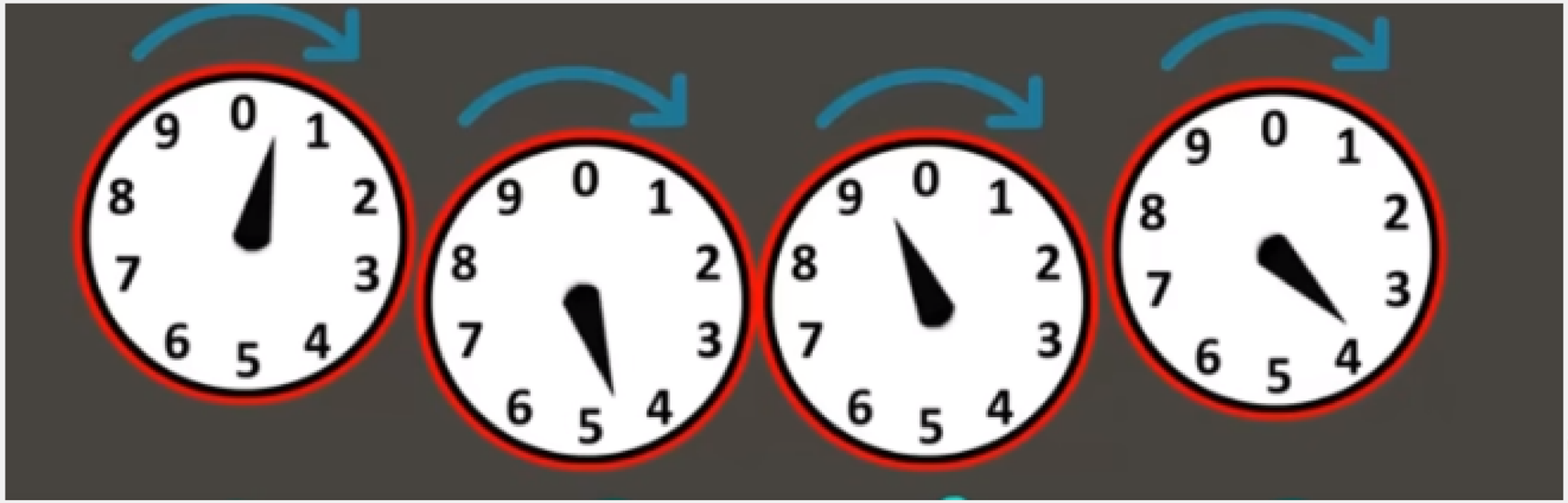
STEP 3: RECORED NUMBER FROM RIGHT



0 4 9 3

3940 M3

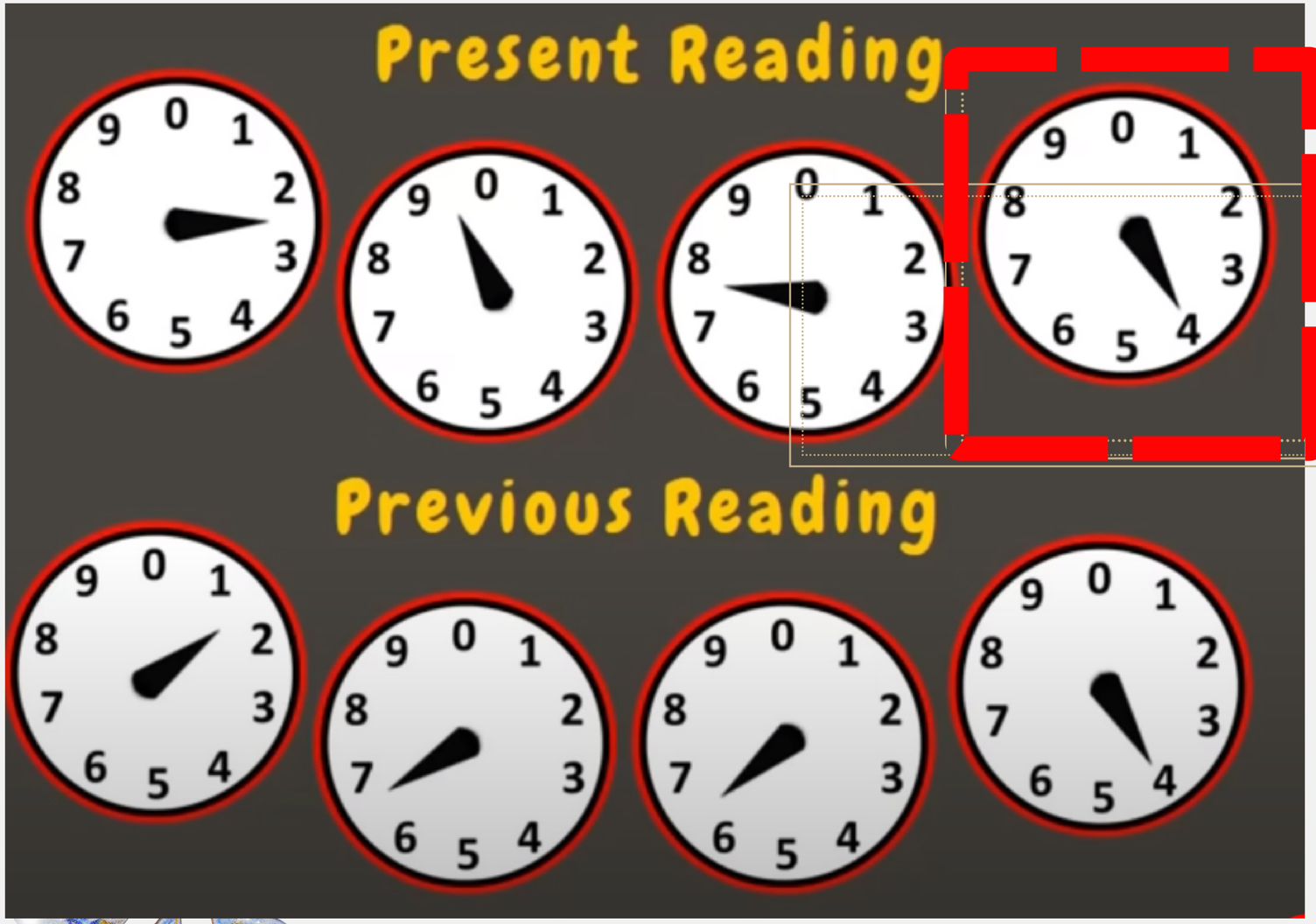
STEP 3: RECORED NUMBER FROM RIGHT



0 4 9 3

STEP 2: READ THE NUMBERS BY THE POINTER OF THE DIAL.WHEN IS BETWEEN THE 2 NUMBERS THE LOWER NUMBER IS RECORDED.

HOW MANYCUBIC METERS OF WATER ARE CONSUMED,BASED ON THE CHART?



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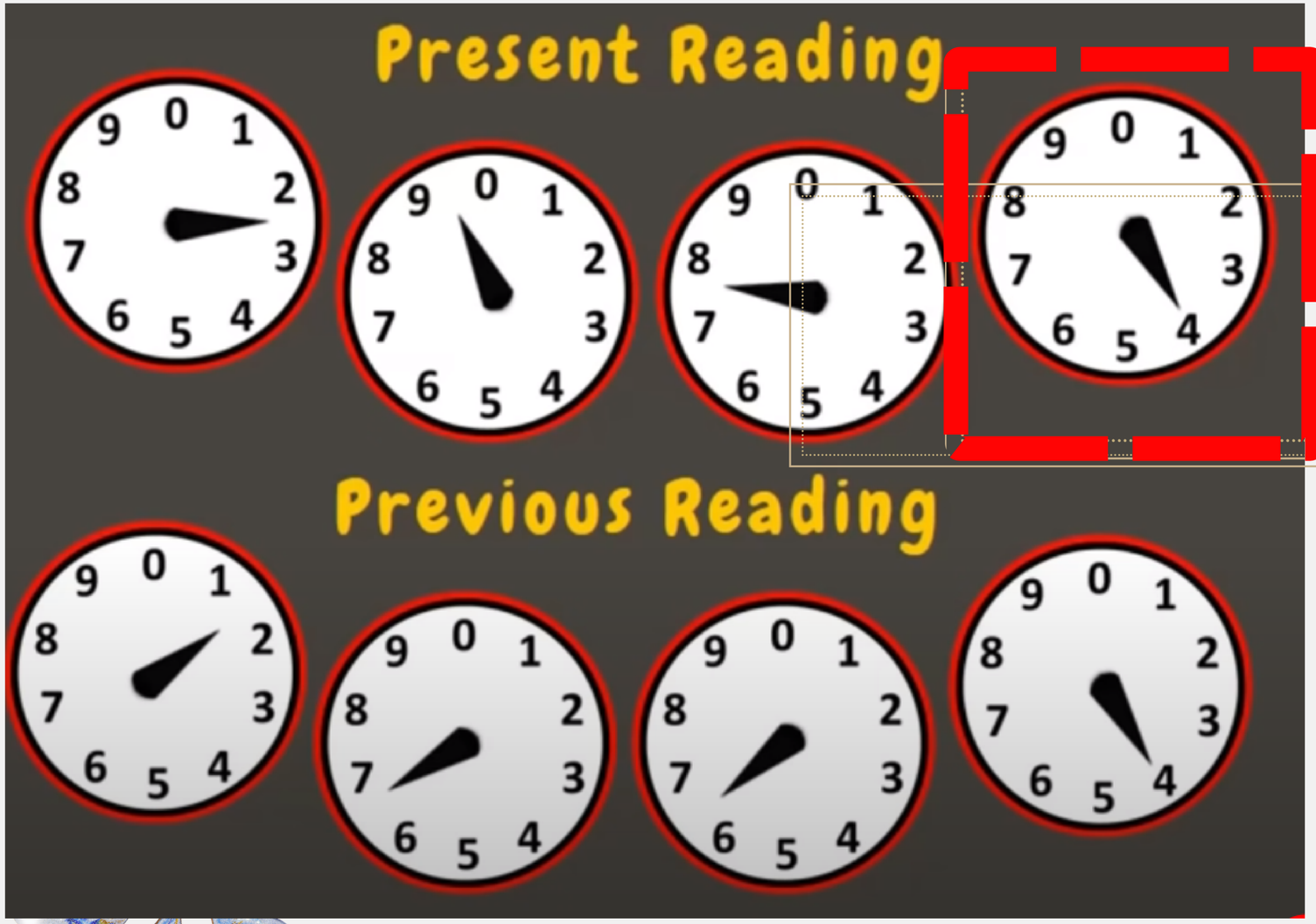
HOW MANYCUBIC METERS OF WATER ARE CONSUMED,BASED ON THE CHART?



4

HOW MANYCUBIC METERS OF WATER ARE CONSUMED,BASED ON THE CHART?

4 7 9 2 M3

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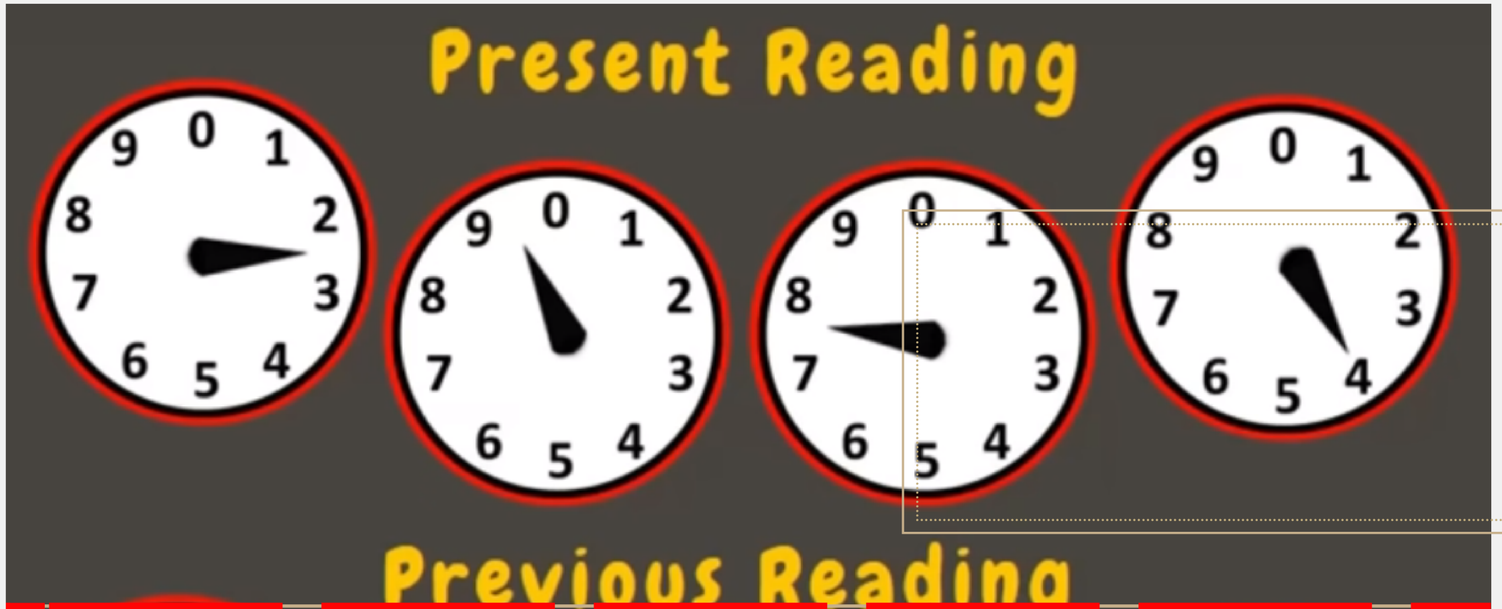


4792 M3

4661 M3

4792 M3

4661 M3

CONSUMPTION= PR - PV

4792 M3

\- 4661 M3

---

131 M3

CONSUMPTION= PR - PV

IF THE WATER COS 7PESOS PER CUBIC METER. HOW MUCH WILL YOU PAY?

4792 M3

— 4661 M3

---

^{2}131 M3

x 7

---

917 pesos

DINAH'S RECORD FOR THEIR WATER CONSUMPTION IS AS FOLLOW;

INITIAL READING; 0114

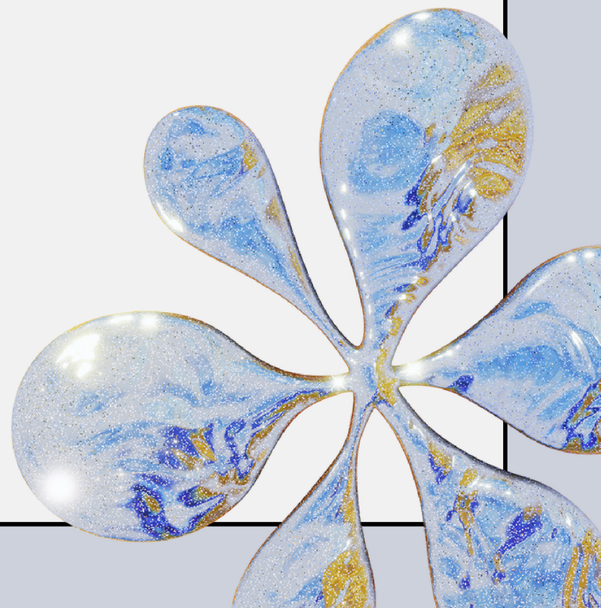
JANUARY; 0256

FEBRUARY; 0459

MARCH; 0651

A; ON WHAT MOTH DID HE USE MOST WATER?

CONSUMPTION = PR - PV



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CONSUMPTION = PR - PV

JANUARY CONSUMPTION= 0114 - 0256 = 142M3

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FEBRUARY; 0459

MARCH; 0651

A; ON WHAT MOTH DID HE USE MOST WATER?

CONSUMPTION = PR - PV

JANUARY CONSUMPTION-- 0114 - 0256 = 142M3

FEBRUARY CONSUMPTION;-- 0256 - 0459 = 203 M3

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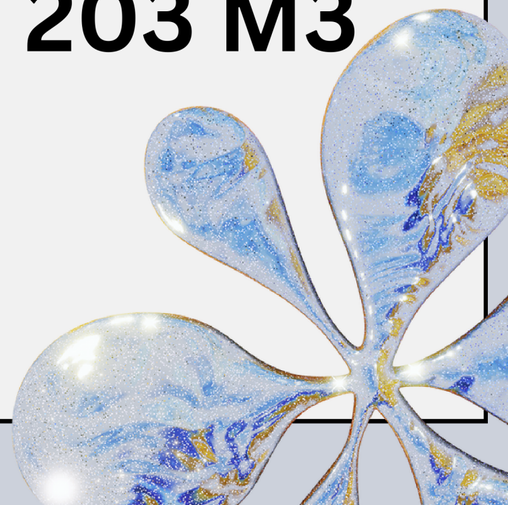

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FEBRUARY; 0459

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JANUARY CONSUMPTION-- 0114 - 0256 = 142M3

FEBRUARY CONSUMPTION;-- 0256 - 0459 = 203 M3

MARCH CONSUMPTION-- 0651- 0459 = 193 M3

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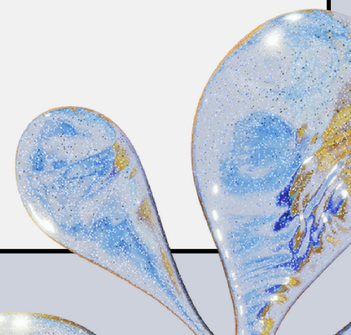

DINAH'S RECORD FOR THEIR WATER CONSUMPTION IS AS FOLLOW:

INITIAL READING; 0114

JANUARY; 0256

FEBRUARY; 0459

MARCH; 0651

B; HOW MANY CUBIC METERS DID THEY USE FOR 3 MONTHS?

CONSUMPTION = PR - PV

JANUARY CONSUMPTION-- 0114 - 0256 = 142M3

FEBRUARY CONSUMPTION;-- 0256 - 0459 = 203 M3

MARCH CONSUMPTION-- 0651- 0459 = 193 M3

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INITIAL READING; 0114

JANUARY; 0256

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MARCH; 0651

B; HOW MANY CUBIC METERS DID THEY USE FOR 3 MONTHS?

CONSUMPTION = PR - PV

JANUARY CONSUMPTION-- 0114 - 0256 = 142M3

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B; HOW MANY CUBIC METERS DID THEY USE FOR 3 MONTHS?

CONSUMPTION = PR - PV

JANUARY CONSUMPTION- 142 M3

FEBRUARY CONSUMPTION- + 203 M3

MARCH CONSUMPTION- 193 M3

537 M3

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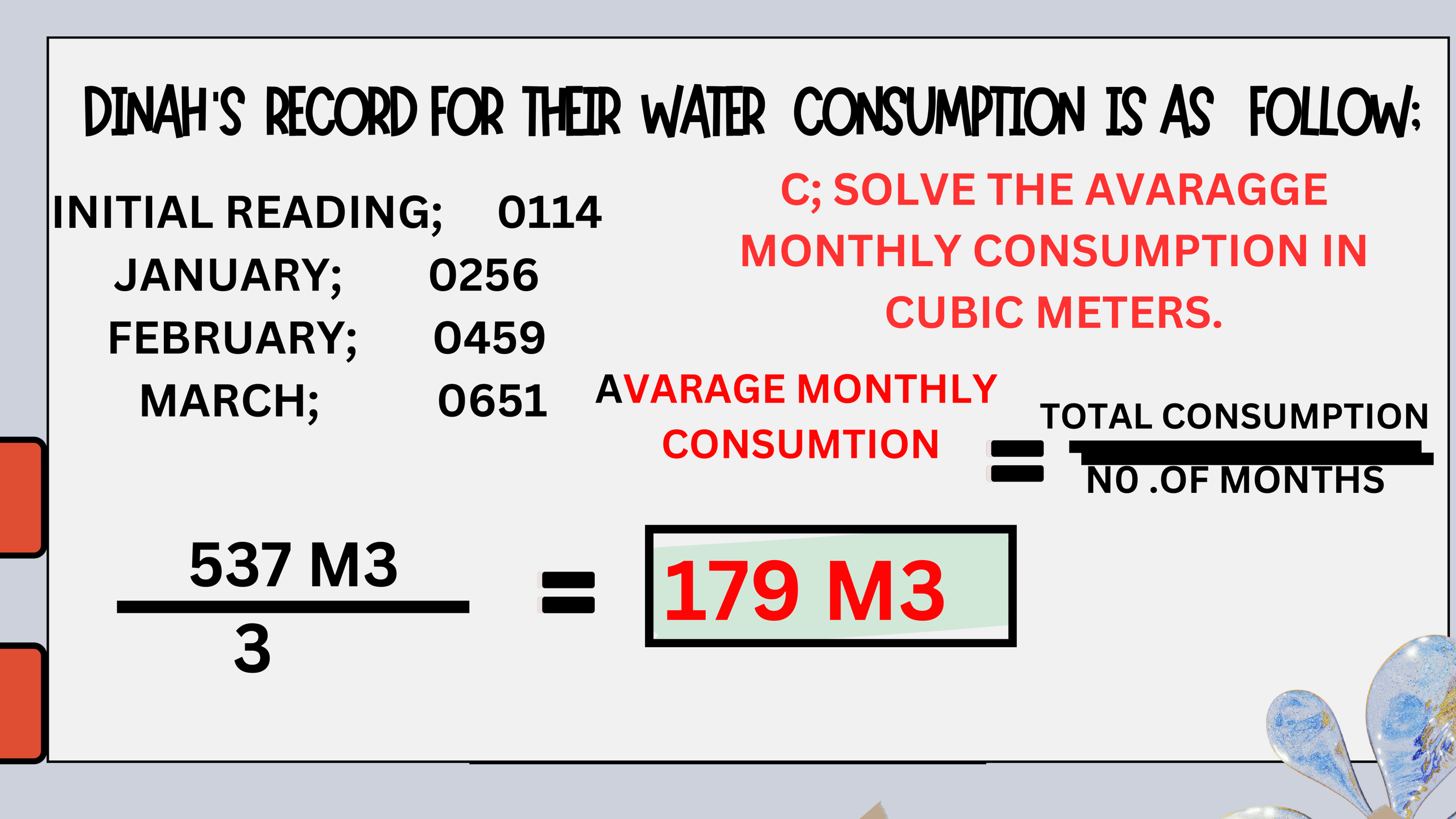
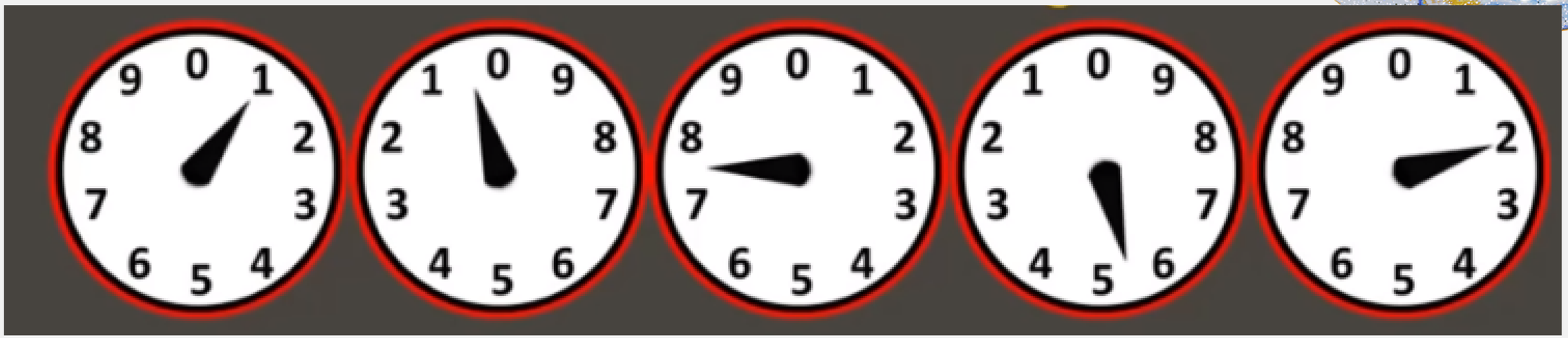
C; SOLVE THE AVARAGGE MONTHLY CONSUMPTION IN CUBIC METERS.

AVARAGE MONTHLY CONSUMTION = TOTAL CONSUMPTION / NO .OF MONTHS

$$\frac{537\ M3}{3} = 179\ M3$$

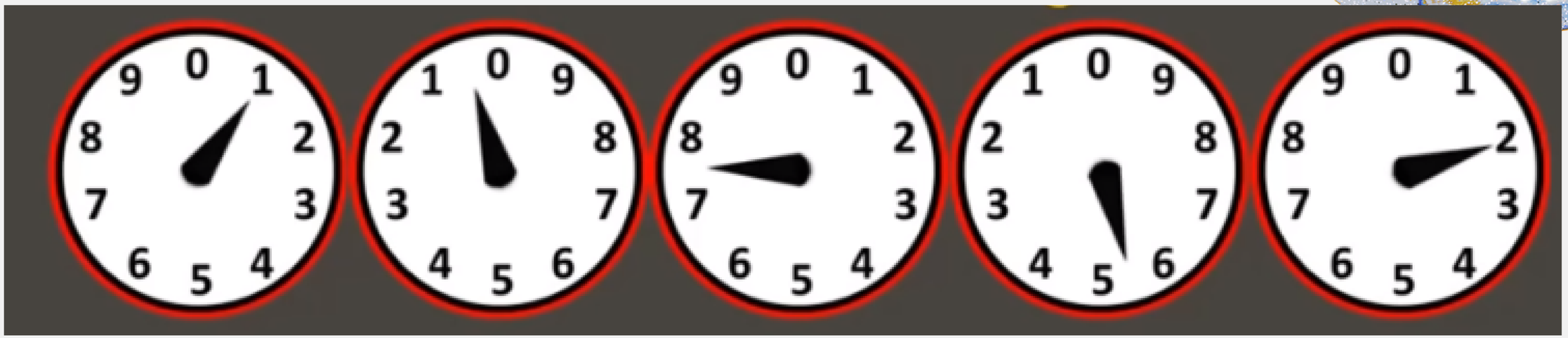


PRESENT READING



A B C D E

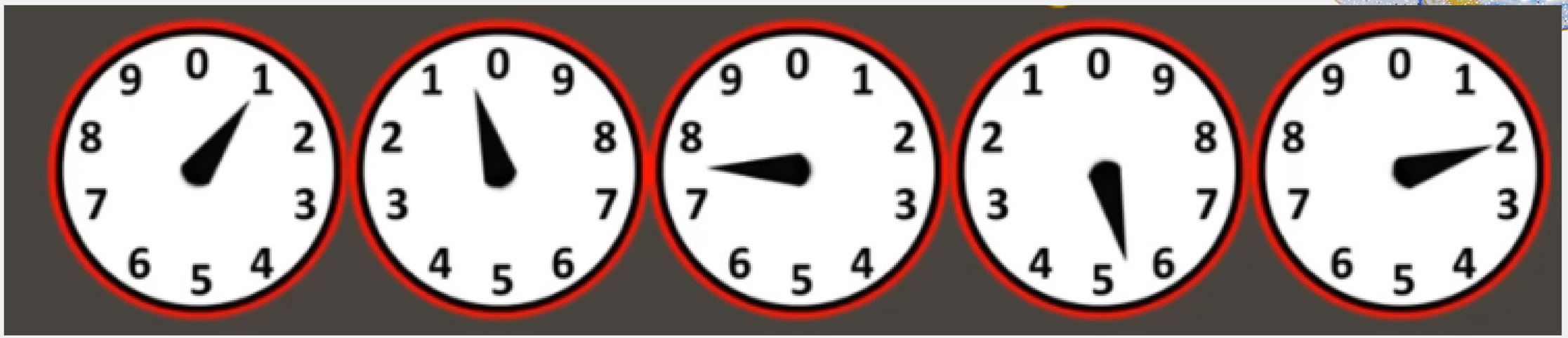
PRESENT READING



A B C D 2

LEFT TO RIGHT

PRESENT READING



1 0 7 5 2

LEFT TO RIGHT

PREVIOUS READING

A B C D E

LEFT TO RIGHT

PREVIOUS READING

A B C D 7

LEFT TO RIGHT

PREVIOUS READING

A B C D 7

LEFT TO RIGHT

PREVIOUS READING

1 0 5 3 7

LEFT TO RIGHT

PRESENT READING 10752

PREVIOUS READING 10537

COMSUMPTION = PR - PV

PRESENT READING 10752

PREVIOUS READING 10537

COMSUMPTION = PR - PV

PRESENT READING 10752

PREVIOUS READING -10537

215 KWH

IF ELECTRICITY COST 3PESOS PER HOUR. HOW MUCH WILL HE PAY?

PRESENT READING 10752

PREVIOUS READING -10537

215 KWH

IF ELECTRICITY COST 3PESOS PER HOUR. HOW MUCH WILL HE PAY?

SUMMARY

A; ELECTRICTY IS MEASURED IN KILOWATT-HOUR.

B; ELECTRIC METER IS USED TO MEASURE HOW MUCH ELECTRICITY IS CONSUMED.

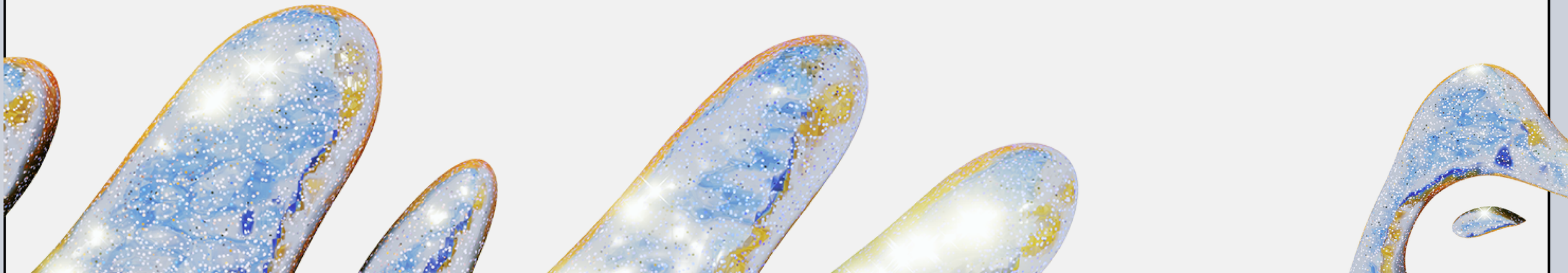
C; WATER IS MEASURED BY A WATER METER THAT WORKS LIKE SPEEDOMETER IN CARS THE UNIT OF MEASURE IN CUBIC METER. WRITTEN AS M3

SUMMARY

D; TO GET THE ELECTRIC OR WATER CONSUMPTION FOR THE MONTH SUBTRACT THE 2 CONSECUTIVE READING LIKE THIS;

Add a subheading

CONSUMPTION = PRESENT READING - PREVIOUS METER



M3

PRESENT READING 10752

PREVIOUS READING -10537

215 KWH

X 3

645 PESOS

HE WILL PAY 645 PESOS